

REMARKS/ARGUMENTS

Favorable reconsideration of this application is respectfully requested.

Claims 1-10 are pending in this application. Claims 1-10 were rejected under 35 U.S.C. § 102(e) as anticipated by U.S. patent 6,401,059 to Shen et al. (herein "Shen"). That rejection is traversed by the present response as discussed next.

Each of the independent claims is amended by the present response to clarify features recited therein. Specifically, independent claim 1 is now directed to an information processing system including as positive elements "a recording apparatus" and "an information processing apparatus". Independent claim 1 also clarifies the information processing apparatus can acquire control information by accessing a remote program information providing server through the internet. Independent claim 1 also further clarifies "the recording apparatus receiving said code information from said transmission means, confirming whether said code information properly sets said program preset recording, and displaying whether said program preset recording is proper or improper". The other independent claims are similarly amended.

The claimed features are believed to be clear from the original specification. First, as shown for example in Figure 1 in the present specification different information processing apparatuses such as the phone 1 or PDA 2 can access a remote program information providing server 8 through the internet. That is, those elements 1 and 2 can make that access to the server themselves. Further, Figure 22 in the present specification shows an operation of the recording apparatus being able to determine whether code information properly sets a program preset recording (for example in steps S42 and S43) and to display whether the program preset recording is proper (e.g. step S47) or improper (e.g. step S44).

The claims are directed to an information processing system that can make it easier to program a recording device. With respect to Figure 1 in the present specification as a non-

limiting example, an information processing apparatus such as a computer 5, cell phone 1, or PDA 2 can operate to program a VCR 12 so that the VCR 12 records a specific program at a specific time. Such information processing apparatuses 1, 2, 5 can themselves, under a user control, access a server, such as server 8, which stores an electronic program guide (EPG). Such information processing apparatuses 1, 2, 5 under a user control can access the EPG on the server 8 through the internet and download information of a program desired to be recorded, which information can then be provided to a remote recording device 12 so that the recording device can perform the recording. Such an operation provides an enhanced and simplified way for a user of the information processing apparatuses 1, 2, 5 to select a program to be recorded and to have the recording device 12 record the selected program.

According to features in the claimed invention, an information processing apparatus itself acquires, through the internet and under a user control, the control information for controlling recording of a program from a remote program information providing apparatus, converts that information into code information, and transmits the code information to the remote recording apparatus. Further, that remote recording device 12 confirms whether the information from the information processing apparatus properly sets a program preset recording and displays whether the program preset recording is proper or improper.

The features as recited in the claims as written are believed to clearly distinguish over Shen.

Shen is directed to a method and system for using a personal digital assistant (PDA) as a remote control, and to that extent Shen discloses utilizing that PDA to program a VCR to record a selected TV program. However, Shen differs from the claims in the following aspects.

First, and with reference to Figure 2 in Shen, Shen discloses the PDA 210 only being able to access a desktop computer 202 to obtain codes and information to control the VCR.

That is, in Shen the PDA 210 does not access the web page for TV program information 208. Instead, in Shen only the desktop computer 202 accesses the web page for TV program information.

The claims as written have a different operation than in Shen. Specifically, in the claims as written the information processing apparatus itself will access a remote program information providing server through the internet. Again with reference to Figure 1 in the present specification as a non-limiting example, the phone 1 or PDA 2 itself can access the remote program information providing server 8 through the internet 7. That operation is not possible in Shen as in Shen only the desktop computer 202 can perform that function. Shen operates on a different basis than the claimed invention in that Shen relies on the PDA 210 accessing the desktop computer 202 to receive a TV program information. The claimed inventions allow a different operation in allowing a device such as a cell phone or a PDA to directly access a program information providing server through the internet itself.

The claims further clarify that in the information processing system the recording apparatus receives the code information, confirms whether the code information properly sets a program preset recording, and displays whether the program preset recording is proper or improper. Shen does not disclose or suggest such an operation.

In view of the present response applicants respectfully submit the claims as written positively recite features neither taught nor suggested by Shen, and thereby the claims are written are believed to distinguish over Shen.

As no other issues are pending in this application, it is respectfully submitted that the present application is now in condition for allowance, and it is hereby respectfully requested that this case be passed to issue.

Respectfully submitted,

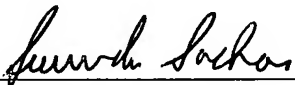
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